



ecology and environment, inc.

Global Environmental Specialists

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MEMORANDUM

DATE: June 19, 2015

TO: Eric Nuchims, Project Manager, E & E, Seattle, Washington

FROM: Mark Woodke, START-4 Chemist, E & E, Seattle, Washington *MW*

SUBJ: Organic Data Quality Assurance Review, John Day Vapor Response Site,
John Day, Oregon

REF: TDD: 15-05-0605 PAN: 1004530.0004.111.02

The data quality assurance review of 11 air cartridge samples collected from the John Day Vapor Response site in John Day, Oregon, has been completed. Aromatic hydrocarbon (NIOSH Method 1501) analyses were performed by TestAmerica, Inc., Phoenix, Arizona. All sample analyses were evaluated following EPA's Stage 2B and/or 4 Data Validation Electronic and/or Manual Process (S2B/4VE/M).

The samples were numbered:

| | | | | |
|----------|----------|----------|----------|----------|
| 15053001 | 15053003 | 15053004 | 15053005 | 15053006 |
| 15053011 | 15053012 | 15053013 | 15053014 | 15053015 |
| 15053017 | | | | |

Data Qualifications:

1. Sample Holding Times: Acceptable.

The samples were collected on May 25 or 26, 2015, and were analyzed by May 29, 2015, therefore meeting QC criteria of less than 30 days between collection and method 1501 analysis.

2. Initial Calibration: Acceptable.

All correlation coefficients were greater than 0.990.

3. Continuing Calibration: Acceptable.

All % differences were less than 40%.

4. Blanks: Satisfactory.

A method blank was analyzed for each 20 sample batch per matrix. There were no detections in any method blank except hexane (back -- 30.27 ug/sample and front -- 7.466 ug/sample). Sample results less than five times the associated method blank results were qualified as not detected (U).

5. Blank Spike (BS)/BS Duplicate (BSD) Analysis: Acceptable.

BS and BSD analyses were performed per SDG or per matrix per concentration level, whichever was more frequent. All recoveries were within QC limits.

6. Duplicate Analysis: Acceptable.

Laboratory spike duplicate analysis was performed per SDG or per matrix per concentration level, whichever was more frequent. All spike duplicate results were within QC limits.

7. Precision and Bias Determination: Not Performed.

Samples necessary to determine precision and bias were not provided to the laboratory. All results were flagged "PND" (Precision Not Determined) and "RND" (Recovery Not Determined), although the flags do not appear on the data sheets.

8. Performance Evaluation Sample Analysis: Not Provided.

Performance evaluation samples were not provided to the laboratory.

9. Overall Assessment of Data for Use

The "P" qualifier applied by the laboratory indicates that the %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

The overall usefulness of the data is based on the criteria outlined in the Site-Specific Sampling Plan and/or Sampling and Quality Assurance Plan, the OSWER Guidance Document "Quality Assurance/Quality Control Guidance for Removal Activities, Sampling QA/QC Plan, and Data Validation Procedures" (EPA/540/G-90/004), the analytical method, and, when applicable, the Office of Emergency and Remedial Response Publication "USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review". Based upon the information provided, the data are acceptable for use with the above stated data qualifications.

Data Qualifiers and Definitions

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

JH - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample with a high bias.

JL - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample with a low bias.

JK - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample with an unknown direction of bias.

JQ - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample with an unknown direction of bias and falls between the MDL and the Minimum (or Practical) Quantitation Limit (MQL, PQL).

N - The analysis indicates the present of an analyte for which there is presumptive evidence to make a "tentative identification".

- NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
- UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R - The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053001</u> | Lab Sample ID: <u>550-45450-1</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-015.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 01:02</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>ug/Sample</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | 0 | 3.72 |
| 100-41-4 | Ethylbenzene | <3.40 | | 3.40 |
| 108-88-3 | Toluene | <3.53 | | 3.53 |
| 110-54-3 | Hexane | <2.54 | | 2.54 |
| 1330-20-7 | Xylenes, Total | <10.4 | V | 10.4 |

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FORM I
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| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053001</u> | Lab Sample ID: <u>550-45450-1</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-015.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 01:02</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>mg/m³</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.136 | U | 0.136 |
| 100-41-4 | Ethylbenzene | <0.124 | U | 0.124 |
| 108-88-3 | Toluene | <0.129 | U | 0.129 |
| 110-54-3 | Hexane | <0.0928 | U | 0.0928 |
| 1330-20-7 | Xylenes, Total | <0.381 | V | 0.381 |

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053001</u> | Lab Sample ID: <u>550-45450-1</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-015.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 01:02</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>ppm</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.0426 | ✓ | 0.0426 |
| 100-41-4 | Ethylbenzene | <0.0286 | | 0.0286 |
| 108-88-3 | Toluene | <0.0343 | | 0.0343 |
| 110-54-3 | Hexane | <0.0263 | | 0.0263 |
| 1330-20-7 | Xylenes, Total | <0.0877 | ✓ | 0.0877 |



FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|-------------------------------|----------------------------------|
| Lab Name: TestAmerica Phoenix | Job No.: 550-45450-1 |
| SDG No.: | |
| Client Sample ID: 15053001 | Lab Sample ID: 550-45450-1 |
| Matrix: Air | Lab File ID: 0528-021.D |
| Analysis Method: VOA | Date Collected: 05/25/2015 00:00 |
| Sample wt/vol: 1 (Sample) | Date Analyzed: 05/29/2015 04:27 |
| Soil Aliquot Vol.: | Dilution Factor: 1 |
| Soil Extract Vol.: | GC Column: DB-1 ID: 0.53 (mm) |
| % Moisture: | Level: (low/med) Low |
| Analysis Batch No.: 64580 | Units: ug/Sample |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | U | 3.72 |
| 100-41-4 | Ethylbenzene | <3.40 | U | 3.40 |
| 110-54-3 | Hexane | 3.78 | U | 2.54 |
| 108-88-3 | Toluene | <3.53 | U | 3.53 |
| 1330-20-7 | Xylenes, Total | <10.4 | U | 10.4 |

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FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix

Job No.: 550-45450-1

SDG No.:

Client Sample ID: 15053001

Lab Sample ID: 550-45450-1

Matrix: Air

Lab File ID: 0528-021.D

Analysis Method: VOA

Date Collected: 05/25/2015 00:00

Sample wt/vol: 1 (Sample)

Date Analyzed: 05/29/2015 04:27

Soil Aliquot Vol.:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: DB-1 ID: 0.53 (mm)

% Moisture:

Level: (low/med) Low

Analysis Batch No.: 64580

Units: mg/m³

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|--------|
| 71-43-2 | Benzene | <0.136 | 1 | 0.136 |
| 100-41-4 | Ethylbenzene | <0.124 | 1 | 0.124 |
| 110-54-3 | Hexane | 0.138 | 1 | 0.0928 |
| 108-88-3 | Toluene | <0.129 | 1 | 0.129 |
| 1330-20-7 | Xylenes, Total | <0.381 | 1 | 0.381 |

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FORM I
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| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053001</u> | Lab Sample ID: <u>550-45450-1</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-021.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 04:27</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>ppm</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|----------|--------|
| 71-43-2 | Benzene | <0.0426 | <i>b</i> | 0.0426 |
| 100-41-4 | Ethylbenzene | <0.0286 | <i>b</i> | 0.0286 |
| 110-54-3 | Hexane | 0.0392 | <i>b</i> | 0.0263 |
| 108-88-3 | Toluene | <0.0343 | <i>b</i> | 0.0343 |
| 1330-20-7 | Xylenes, Total | <0.0877 | <i>b</i> | 0.0877 |

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FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|---------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053001</u> | Lab Sample ID: <u>550-45450-1</u> |
| Matrix: <u>Air</u> | Lab File ID: _____ |
| Analysis Method: <u>VOA (Summary)</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 15:29</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: _____ ID: _____ |
| % Moisture: _____ | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64648</u> | Units: <u>ug/Sample</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | V | 3.72 |
| 110-54-3 | Hexane | 3.78 | V | 2.54 |
| 108-88-3 | Toluene | <3.53 | V | 3.53 |
| 100-41-4 | Ethylbenzene | <3.40 | V | 3.40 |
| 1330-20-7 | Xylenes, Total | <10.4 | V | 10.4 |

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FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
 SDG No.:
 Client Sample ID: 15053001 Lab Sample ID: 550-45450-1
 Matrix: Air Lab File ID:
 Analysis Method: VOA (Summary) Date Collected: 05/25/2015 00:00
 Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 15:29
 Soil Aliquot Vol: Dilution Factor: 1
 Soil Extract Vol.: GC Column: ID:
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 64648 Units: mg/m3

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|--------|
| 71-43-2 | Benzene | <0.136 | V | 0.136 |
| 110-54-3 | Hexane | 0.138 | V | 0.0928 |
| 108-88-3 | Toluene | <0.129 | V | 0.129 |
| 100-41-4 | Ethylbenzene | <0.124 | V | 0.124 |
| 1330-20-7 | Xylenes, Total | <0.381 | V | 0.381 |



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|---------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053001</u> | Lab Sample ID: <u>550-45450-1</u> |
| Matrix: <u>Air</u> | Lab File ID: _____ |
| Analysis Method: <u>VOA (Summary)</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 15:29</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: _____ ID: _____ |
| % Moisture: _____ | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64648</u> | Units: <u>ppm</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.0426 | V | 0.0426 |
| 110-54-3 | Hexane | 0.0392 | V | 0.0263 |
| 108-88-3 | Toluene | <0.0343 | V | 0.0343 |
| 100-41-4 | Ethylbenzene | <0.0286 | V | 0.0286 |
| 1330-20-7 | Xylenes, Total | <0.0877 | V | 0.0877 |

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6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix

Job No.: 550-45450-1

SDG No.:

Client Sample ID: 15053003

Lab Sample ID: 550-45450-2

Matrix: Air

Lab File ID: 0528-016.D

Analysis Method: VOA

Date Collected: 05/25/2015 00:00

Sample wt/vol: 1 (Sample)

Date Analyzed: 05/29/2015 01:36

Soil Aliquot Vol.:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: DB-1 ID: 0.53 (mm)

% Moisture:

Level: (low/med) Low

Analysis Batch No.: 64580

Units: ug/Sample

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | Y | 3.72 |
| 100-41-4 | Ethylbenzene | <3.40 | Y | 3.40 |
| 108-88-3 | Toluene | <3.53 | Y | 3.53 |
| 110-54-3 | Hexane | <2.54 | Y | 2.54 |
| 1330-20-7 | Xylenes, Total | <10.4 | Y | 10.4 |

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
 SDG No.:
 Client Sample ID: 15053003 Lab Sample ID: 550-45450-2
 Matrix: Air Lab File ID: 0528-016.D
 Analysis Method: VOA Date Collected: 05/25/2015 00:00
 Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 01:36
 Soil Aliquot Vol.: Dilution Factor: 1
 Soil Extract Vol.: GC Column: DB-1 ID: 0.53 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 64580 Units: mg/m3

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.128 | ✓ | 0.128 |
| 100-41-4 | Ethylbenzene | <0.117 | ✓ | 0.117 |
| 108-88-3 | Toluene | <0.121 | ✓ | 0.121 |
| 110-54-3 | Hexane | <0.0870 | ✓ | 0.0870 |
| 1330-20-7 | Xylenes, Total | <0.357 | ✓ | 0.357 |


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FORM I
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| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053003</u> | Lab Sample ID: <u>550-45450-2</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-016.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 01:36</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>ppm</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.0399 | U | 0.0399 |
| 100-41-4 | Ethylbenzene | <0.0268 | | 0.0268 |
| 108-88-3 | Toluene | <0.0321 | | 0.0321 |
| 110-54-3 | Hexane | <0.0247 | | 0.0247 |
| 1330-20-7 | Xylenes, Total | <0.0822 | V | 0.0822 |

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FORM I
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| | |
|-------------------------------|----------------------------------|
| Lab Name: TestAmerica Phoenix | Job No.: 550-45450-1 |
| SDG No.: | |
| Client Sample ID: 15053003 | Lab Sample ID: 550-45450-2 |
| Matrix: Air | Lab File ID: 0528-022.D |
| Analysis Method: VOA | Date Collected: 05/25/2015 00:00 |
| Sample wt/vol: 1 (Sample) | Date Analyzed: 05/29/2015 05:01 |
| Soil Aliquot Vol: | Dilution Factor: 1 |
| Soil Extract Vol.: | GC Column: DB-1 ID: 0.53 (mm) |
| % Moisture: | Level: (low/med) Low |
| Analysis Batch No.: 64580 | Units: ug/Sample |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | Y | 3.72 |
| 100-41-4 | Ethylbenzene | <3.40 | Y | 3.40 |
| 110-54-3 | Hexane | 109 | Y | 2.54 |
| 1330-20-7 | Xylenes, Total | <10.4 | V | 10.4 |



FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|-------------------------------|----------------------------------|
| Lab Name: TestAmerica Phoenix | Job No.: 550-45450-1 |
| SDG No.: | |
| Client Sample ID: 15053003 | Lab Sample ID: 550-45450-2 |
| Matrix: Air | Lab File ID: 0528-022.D |
| Analysis Method: VOA | Date Collected: 05/25/2015 00:00 |
| Sample wt/vol: 1(Sample) | Date Analyzed: 05/29/2015 05:01 |
| Soil Aliquot Vol.: | Dilution Factor: 1 |
| Soil Extract Vol.: | GC Column: DB-1 ID: 0.53 (mm) |
| % Moisture: | Level: (low/med) Low |
| Analysis Batch No.: 64580 | Units: mg/m ³ |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|--------|
| 71-43-2 | Benzene | <0.128 | ✓ | 0.128 |
| 100-41-4 | Ethylbenzene | <0.117 | ✓ | 0.117 |
| 110-54-3 | Hexane | 3.72 | ✓ | 0.0870 |
| 1330-20-7 | Xylenes, Total | <0.357 | ✓ | 0.357 |

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6/28/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053003</u> | Lab Sample ID: <u>550-45450-2</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-022.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 05:01</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>ppm</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.0399 | 0 | 0.0399 |
| 100-41-4 | Ethylbenzene | <0.0268 | 0 | 0.0268 |
| 110-54-3 | Hexane | 1.06 | W | 0.0247 |
| 1330-20-7 | Xylenes, Total | <0.0822 | 0 | 0.0822 |



FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1

SDG No.: _____

Client Sample ID: 15053003 Lab Sample ID: 550-45450-2

Matrix: Air Lab File ID: 0528-022.D

Analysis Method: VOA Date Collected: 05/25/2015 00:00

Sample wt/vol: 1(Sample) Date Analyzed: 05/29/2015 05:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-WAX ID: 0.53 (mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 64580 Units: ug/Sample

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|----------|---------------|--------|----|------|
| 108-88-3 | Toluene | 8.02 | /m | 3.53 |

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FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1

SDG No.: _____

Client Sample ID: 15053003 Lab Sample ID: 550-45450-2

Matrix: Air Lab File ID: 0528-022.D

Analysis Method: VOA Date Collected: 05/25/2015 00:00

Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 05:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-WAX ID: 0.53 (mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 64580 Units: mg/m³

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|----------|---------------|--------|------------|-------|
| 108-88-3 | Toluene | 0.275 | <i>fmw</i> | 0.121 |

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Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
SDG No.:
Client Sample ID: 15053003 Lab Sample ID: 550-45450-2
Matrix: Air Lab File ID: 0528-022.D
Analysis Method: VOA Date Collected: 05/25/2015 00:00
Sample wt/vol: 1(Sample) Date Analyzed: 05/29/2015 05:01
Soil Aliquot Vol:
Soil Extract Vol.: Dilution Factor: 1
% Moisture: GC Column: DB-WAX ID: 0.53 (mm)
Analysis Batch No.: 64580 Level: (low/med) Low
Units: ppm

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|----------|---------------|--------|---|--------|
| 108-88-3 | Toluene | 0.0730 | 4 | 0.0321 |



FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
 SDG No.: _____
 Client Sample ID: 15053003 Lab Sample ID: 550-45450-2
 Matrix: Air Lab File ID: _____
 Analysis Method: VOA (Summary) Date Collected: 05/25/2015 00:00
 Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 15:29
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: _____ ID: _____
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 64648 Units: ug/Sample

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | U | 3.72 |
| 110-54-3 | Hexane | 109 | U | 2.54 |
| 108-88-3 | Toluene | 8.02 | U | 3.53 |
| 100-41-4 | Ethylbenzene | <3.40 | U | 3.40 |
| 1330-20-7 | Xylenes, Total | <10.4 | U | 10.4 |



FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix

Job No.: 550-45450-1

SDG No.:

Client Sample ID: 15053003

Lab Sample ID: 550-45450-2

Matrix: Air

Lab File ID:

Analysis Method: VOA (Summary)

Date Collected: 05/25/2015 00:00

Sample wt/vol: 1 (Sample)

Date Analyzed: 05/29/2015 15:29

Soil Aliquot Vol.:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: _____ ID: _____

% Moisture: _____

Level: (low/med) Low

Analysis Batch No.: 64648

Units: mg/m³

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|----|--------|
| 71-43-2 | Benzene | <0.128 | ✓ | 0.128 |
| 110-54-3 | Hexane | 3.72 | th | 0.0870 |
| 108-88-3 | Toluene | 0.275 | | 0.121 |
| 100-41-4 | Ethylbenzene | <0.117 | ✓ | 0.117 |
| 1330-20-7 | Xylenes, Total | <0.357 | ✓ | 0.357 |

*JMW
6/9/15*

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|---------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053003</u> | Lab Sample ID: <u>550-45450-2</u> |
| Matrix: <u>Air</u> | Lab File ID: _____ |
| Analysis Method: <u>VOA (Summary)</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 15:29</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: _____ ID: _____ |
| % Moisture: _____ | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64648</u> | Units: <u>ppm</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|----|--------|
| 71-43-2 | Benzene | <0.0399 | V | 0.0399 |
| 110-54-3 | Hexane | 1.06 | th | 0.0247 |
| 108-88-3 | Toluene | 0.0730 | | 0.0321 |
| 100-41-4 | Ethylbenzene | <0.0268 | V | 0.0268 |
| 1330-20-7 | Xylenes, Total | <0.0822 | V | 0.0822 |

FORM I VOA (Summary)

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FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053004</u> | Lab Sample ID: <u>550-45450-3</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-031.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 10:09</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>ug/Sample</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | U | 3.72 |
| 100-41-4 | Ethylbenzene | <3.40 | | 3.40 |
| 108-88-3 | Toluene | <3.53 | | 3.53 |
| 110-54-3 | Hexane | <2.54 | V | 2.54 |
| 1330-20-7 | Xylenes, Total | <10.4 | ✓ | 10.4 |

MW
6/24/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053004</u> | Lab Sample ID: <u>550-45450-3</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-031.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 10:09</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>mg/m³</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.133 | U | 0.133 |
| 100-41-4 | Ethylbenzene | <0.121 | U | 0.121 |
| 108-88-3 | Toluene | <0.126 | U | 0.126 |
| 110-54-3 | Hexane | <0.0905 | ↓ | 0.0905 |
| 1330-20-7 | Xylenes, Total | <0.372 | ↓ | 0.372 |

MW
6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
 SDG No.:
 Client Sample ID: 15053004 Lab Sample ID: 550-45450-3
 Matrix: Air Lab File ID: 0528-031.D
 Analysis Method: VOA Date Collected: 05/25/2015 00:00
 Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 10:09
 Soil Aliquot Vol.: Dilution Factor: 1
 Soil Extract Vol.: GC Column: DB-1 ID: 0.53 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 64580 Units: ppm

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.0416 | ✓ | 0.0416 |
| 100-41-4 | Ethylbenzene | <0.0279 | ✓ | 0.0279 |
| 108-88-3 | Toluene | <0.0334 | | 0.0334 |
| 110-54-3 | Hexane | <0.0257 | | 0.0257 |
| 1330-20-7 | Xylenes, Total | <0.0856 | ✓ | 0.0856 |

MW
6/10/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
 SDG No.:
 Client Sample ID: 15053004 Lab Sample ID: 550-45450-3
 Matrix: Air Lab File ID: 0528-038.D
 Analysis Method: VOA Date Collected: 05/25/2015 00:00
 Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 14:08
 Soil Aliquot Vol: Dilution Factor: 1
 Soil Extract Vol.: GC Column: DB-1 ID: 0.53 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 64580 Units: ug/Sample

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|----|------|
| 71-43-2 | Benzene | <3.72 | V | 3.72 |
| 100-41-4 | Ethylbenzene | <3.40 | V | 3.40 |
| 110-54-3 | Hexane | 42.9 | pw | 2.54 |
| 1330-20-7 | Xylenes, Total | <10.4 | V | 10.4 |

FORM I VOA

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MW
6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
 SDG No.:
 Client Sample ID: 15053004 Lab Sample ID: 550-45450-3
 Matrix: Air Lab File ID: 0528-038.D
 Analysis Method: VOA Date Collected: 05/25/2015 00:00
 Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 14:08
 Soil Aliquot Vol.: Dilution Factor: 1
 Soil Extract Vol.: GC Column: DB-1 ID: 0.53 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 64580 Units: mg/m3

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|--------|
| 71-43-2 | Benzene | <0.133 | 0 | 0.133 |
| 100-41-4 | Ethylbenzene | <0.121 | 0 | 0.121 |
| 110-54-3 | Hexane | 1.53 | ✓ | 0.0905 |
| 1330-20-7 | Xylenes, Total | <0.372 | ✓ | 0.372 |


 MW
 6-19-15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053004</u> | Lab Sample ID: <u>550-45450-3</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-038.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 14:08</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>ppm</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|----|--------|
| 71-43-2 | Benzene | <0.0416 | U | 0.0416 |
| 100-41-4 | Ethylbenzene | <0.0279 | U | 0.0279 |
| 110-54-3 | Hexane | 0.434 | HW | 0.0257 |
| 1330-20-7 | Xylenes, Total | <0.0856 | U | 0.0856 |

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
SDG No.:
Client Sample ID: 15053004 Lab Sample ID: 550-45450-3
Matrix: Air Lab File ID: 0528-038.D
Analysis Method: VOA Date Collected: 05/25/2015 00:00
Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 14:08
Soil Aliquot Vol.: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-WAX ID: 0.53 (mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 64580 Units: ug/Sample

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|----------|---------------|--------|--------------------|------|
| 108-88-3 | Toluene | <3.53 | <i>fu</i> <i>V</i> | 3.53 |

MW
APR 15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053004</u> | Lab Sample ID: <u>550-45450-3</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-038.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 14:08</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-WAX</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>mg/m³</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|----------|---------------|--------|---|-------|
| 108-88-3 | Toluene | <0.126 | b | 0.126 |

MW
6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
SDG No.:
Client Sample ID: 15053004 Lab Sample ID: 550-45450-3
Matrix: Air Lab File ID: 0528-038.D
Analysis Method: VOA Date Collected: 05/25/2015 00:00
Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 14:08
Soil Aliquot Vol:
Soil Extract Vol.: Dilution Factor: 1
% Moisture: GC Column: DB-WAX ID: 0.53 (mm)
Analysis Batch No.: 64580 Level: (low/med) Low
Units: ppm

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|----------|---------------|---------|-------------|--------|
| 108-88-3 | Toluene | <0.0334 | <i>bw</i> ✓ | 0.0334 |

*MW
6/20/15*

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------|----------------------------------|
| Lab Name: TestAmerica Phoenix | Job No.: 550-45450-1 |
| SDG No.: | |
| Client Sample ID: 15053004 | Lab Sample ID: 550-45450-3 |
| Matrix: Air | Lab File ID: _____ |
| Analysis Method: VOA (Summary) | Date Collected: 05/25/2015 00:00 |
| Sample wt/vol: 1(Sample) | Date Analyzed: 05/29/2015 15:29 |
| Soil Aliquot Vol.: | Dilution Factor: 1 |
| Soil Extract Vol.: | GC Column: _____ ID: _____ |
| % Moisture: _____ | Level: (low/med) Low |
| Analysis Batch No.: 64648 | Units: ug/Sample |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | V | 3.72 |
| 110-54-3 | Hexane | 42.9 | | 2.54 |
| 108-88-3 | Toluene | <3.53 | V | 3.53 |
| 100-41-4 | Ethylbenzene | <3.40 | | 3.40 |
| 1330-20-7 | Xylenes, Total | <10.4 | V | 10.4 |

MW
GFB

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|---------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053004</u> | Lab Sample ID: <u>550-45450-3</u> |
| Matrix: <u>Air</u> | Lab File ID: _____ |
| Analysis Method: <u>VOA (Summary)</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1(Sample)</u> | Date Analyzed: <u>05/29/2015 15:29</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: _____ ID: _____ |
| % Moisture: _____ | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64648</u> | Units: <u>mg/m³</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|--------|
| 71-43-2 | Benzene | <0.133 | V | 0.133 |
| 110-54-3 | Hexane | 1.53 | | 0.0905 |
| 108-88-3 | Toluene | <0.126 | V | 0.126 |
| 100-41-4 | Ethylbenzene | <0.121 | | 0.121 |
| 1330-20-7 | Xylenes, Total | <0.372 | V | 0.372 |

MW
GK-B

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
 SDG No.: _____
 Client Sample ID: 15053004 Lab Sample ID: 550-45450-3
 Matrix: Air Lab File ID: _____
 Analysis Method: VOA (Summary) Date Collected: 05/25/2015 00:00
 Sample wt/vol: 1(Sample) Date Analyzed: 05/29/2015 15:29
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: _____ ID: _____
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 64648 Units: ppm

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.0416 | U | 0.0416 |
| 110-54-3 | Hexane | 0.434 | | 0.0257 |
| 108-88-3 | Toluene | <0.0334 | U | 0.0334 |
| 100-41-4 | Ethylbenzene | <0.0279 | | 0.0279 |
| 1330-20-7 | Xylenes, Total | <0.0856 | ↓ | 0.0856 |

MW
6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053005</u> | Lab Sample ID: <u>550-45450-4</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-017.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 02:10</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>ug/Sample</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | U | 3.72 |
| 100-41-4 | Ethylbenzene | <3.40 | | 3.40 |
| 108-88-3 | Toluene | <3.53 | | 3.53 |
| 110-54-3 | Hexane | <2.54 | | 2.54 |
| 1330-20-7 | Xylenes, Total | <10.4 | V | 10.4 |

JMW
6/21/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053005</u> | Lab Sample ID: <u>550-45450-4</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-017.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 02:10</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>mg/m³</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.134 | U | 0.134 |
| 100-41-4 | Ethylbenzene | <0.122 | ↓ | 0.122 |
| 108-88-3 | Toluene | <0.127 | ↓ | 0.127 |
| 110-54-3 | Hexane | <0.0910 | ↓ | 0.0910 |
| 1330-20-7 | Xylenes, Total | <0.374 | ↓ | 0.374 |

MW
6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053005</u> | Lab Sample ID: <u>550-45450-4</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-017.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 02:10</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>ppm</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.0418 | U | 0.0418 |
| 100-41-4 | Ethylbenzene | <0.0281 | | 0.0281 |
| 108-88-3 | Toluene | <0.0336 | | 0.0336 |
| 110-54-3 | Hexane | <0.0258 | V | 0.0258 |
| 1330-20-7 | Xylenes, Total | <0.0860 | V | 0.0860 |

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
 SDG No.:
 Client Sample ID: 15053005 Lab Sample ID: 550-45450-4
 Matrix: Air Lab File ID: 0528-023.D
 Analysis Method: VOA Date Collected: 05/25/2015 00:00
 Sample wt/vol: 1(Sample) Date Analyzed: 05/29/2015 05:35
 Soil Aliquot Vol.: Dilution Factor: 1
 Soil Extract Vol.: GC Column: DB-1 ID: 0.53 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 64580 Units: ug/Sample

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|----|------|
| 71-43-2 | Benzene | <3.72 | Y | 3.72 |
| 100-41-4 | Ethylbenzene | <3.40 | Y | 3.40 |
| 110-54-3 | Hexane | <2.54 | An | 2.54 |
| 108-88-3 | Toluene | <3.53 | Y | 3.53 |
| 1330-20-7 | Xylenes, Total | <10.4 | Y | 10.4 |

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FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053005</u> | Lab Sample ID: <u>550-45450-4</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-023.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 05:35</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>mg/m³</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.134 | ✓ | 0.134 |
| 100-41-4 | Ethylbenzene | <0.122 | ✓ | 0.122 |
| 110-54-3 | Hexane | <0.0910 | ✓ | 0.0910 |
| 108-88-3 | Toluene | <0.127 | ✓ | 0.127 |
| 1330-20-7 | Xylenes, Total | <0.374 | ✓ | 0.374 |

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FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053005</u> | Lab Sample ID: <u>550-45450-4</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-023.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 05:35</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>ppm</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.0418 | ✓ | 0.0418 |
| 100-41-4 | Ethylbenzene | <0.0281 | ✓ | 0.0281 |
| 110-54-3 | Hexane | <0.0258 | ✓ | 0.0258 |
| 108-88-3 | Toluene | <0.0336 | ✓ | 0.0336 |
| 1330-20-7 | Xylenes, Total | <0.0860 | ✓ | 0.0860 |

MW 6/24/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
 SDG No.:
 Client Sample ID: 15053005 Lab Sample ID: 550-45450-4
 Matrix: Air Lab File ID:
 Analysis Method: VOA (Summary) Date Collected: 05/25/2015 00:00
 Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 15:29
 Soil Aliquot Vol: Dilution Factor: 1
 Soil Extract Vol.: GC Column: ID:
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 64648 Units: ug/Sample

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | ✓ | 3.72 |
| 110-54-3 | Hexane | <2.54 | | 2.54 |
| 108-88-3 | Toluene | <3.53 | | 3.53 |
| 100-41-4 | Ethylbenzene | <3.40 | ✓ | 3.40 |
| 1330-20-7 | Xylenes, Total | <10.4 | ✓ | 10.4 |

*JMW
6/9/15*

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
 SDG No.: _____
 Client Sample ID: 15053005 Lab Sample ID: 550-45450-4
 Matrix: Air Lab File ID: _____
 Analysis Method: VOA (Summary) Date Collected: 05/25/2015 00:00
 Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 15:29
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: _____ ID: _____
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 64648 Units: mg/m3

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.134 | ✓ | 0.134 |
| 110-54-3 | Hexane | <0.0910 | | 0.0910 |
| 108-88-3 | Toluene | <0.127 | | 0.127 |
| 100-41-4 | Ethylbenzene | <0.122 | | 0.122 |
| 1330-20-7 | Xylenes, Total | <0.374 | ✓ | 0.374 |

*MW
6/18/15*

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|---------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053005</u> | Lab Sample ID: <u>550-45450-4</u> |
| Matrix: <u>Air</u> | Lab File ID: _____ |
| Analysis Method: <u>VOA (Summary)</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 15:29</u> |
| Soil Aliquot Vol: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: _____ ID: _____ |
| % Moisture: _____ | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64648</u> | Units: <u>ppm</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.0418 | ✓ | 0.0418 |
| 110-54-3 | Hexane | <0.0258 | ✓ | 0.0258 |
| 108-88-3 | Toluene | <0.0336 | ✓ | 0.0336 |
| 100-41-4 | Ethylbenzene | <0.0281 | ✓ | 0.0281 |
| 1330-20-7 | Xylenes, Total | <0.0860 | ✓ | 0.0860 |

MW
6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
 SDG No.:
 Client Sample ID: 15053006 Lab Sample ID: 550-45450-5
 Matrix: Air Lab File ID: 0528-018.D
 Analysis Method: VOA Date Collected: 05/25/2015 00:00
 Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 02:44
 Soil Aliquot Vol.: Dilution Factor: 1
 Soil Extract Vol.: GC Column: DB-1 ID: 0.53 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 64580 Units: ug/Sample

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | U | 3.72 |
| 100-41-4 | Ethylbenzene | <3.40 | | 3.40 |
| 108-88-3 | Toluene | <3.53 | | 3.53 |
| 110-54-3 | Hexane | <2.54 | D | 2.54 |
| 1330-20-7 | Xylenes, Total | <10.4 | V | 10.4 |



FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
 SDG No.:
 Client Sample ID: 15053006 Lab Sample ID: 550-45450-5
 Matrix: Air Lab File ID: 0528-018.D
 Analysis Method: VOA Date Collected: 05/25/2015 00:00
 Sample wt/vol: 1(Sample) Date Analyzed: 05/29/2015 02:44
 Soil Aliquot Vol: Dilution Factor: 1
 Soil Extract Vol.: GC Column: DB-1 ID: 0.53 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 64580 Units: mg/m3

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.139 | ✓ | 0.139 |
| 100-41-4 | Ethylbenzene | <0.127 | | 0.127 |
| 108-88-3 | Toluene | <0.132 | | 0.132 |
| 110-54-3 | Hexane | <0.0946 | | 0.0946 |
| 1330-20-7 | Xylenes, Total | <0.388 | ✓ | 0.388 |

MW
6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
 SDG No.:
 Client Sample ID: 15053006 Lab Sample ID: 550-45450-5
 Matrix: Air Lab File ID: 0528-018.D
 Analysis Method: VOA Date Collected: 05/25/2015 00:00
 Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 02:44
 Soil Aliquot Vol.: Dilution Factor: 1
 Soil Extract Vol.: GC Column: DB-1 ID: 0.53 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 64580 Units: ppm

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.0434 | 0 | 0.0434 |
| 100-41-4 | Ethylbenzene | <0.0292 | | 0.0292 |
| 108-88-3 | Toluene | <0.0349 | | 0.0349 |
| 110-54-3 | Hexane | <0.0268 | | 0.0268 |
| 1330-20-7 | Xylenes, Total | <0.0894 | V | 0.0894 |

MW
6/4/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053006</u> | Lab Sample ID: <u>550-45450-5</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-024.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 06:09</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>ug/Sample</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | ✓ | 3.72 |
| 100-41-4 | Ethylbenzene | <3.40 | ✓ | 3.40 |
| 110-54-3 | Hexane | <2.54 | ✓ | 2.54 |
| 108-88-3 | Toluene | <3.53 | ✓ | 3.53 |
| 1330-20-7 | Xylenes, Total | <10.4 | ✓ | 10.4 |

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FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|-------------------------------|----------------------------------|
| Lab Name: TestAmerica Phoenix | Job No.: 550-45450-1 |
| SDG No.: | |
| Client Sample ID: 15053006 | Lab Sample ID: 550-45450-5 |
| Matrix: Air | Lab File ID: 0528-024.D |
| Analysis Method: VOA | Date Collected: 05/25/2015 00:00 |
| Sample wt/vol: 1 (Sample) | Date Analyzed: 05/29/2015 06:09 |
| Soil Aliquot Vol.: | Dilution Factor: 1 |
| Soil Extract Vol.: | GC Column: DB-1 ID: 0.53 (mm) |
| % Moisture: | Level: (low/med) Low |
| Analysis Batch No.: 64580 | Units: mg/m ³ |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.139 | 0 | 0.139 |
| 100-41-4 | Ethylbenzene | <0.127 | 0 | 0.127 |
| 110-54-3 | Hexane | <0.0946 | ✓ | 0.0946 |
| 108-88-3 | Toluene | <0.132 | 0 | 0.132 |
| 1330-20-7 | Xylenes, Total | <0.388 | ✓ | 0.388 |

MW
6-18-15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|-------------------------------|----------------------------------|
| Lab Name: TestAmerica Phoenix | Job No.: 550-45450-1 |
| SDG No.: | |
| Client Sample ID: 15053006 | Lab Sample ID: 550-45450-5 |
| Matrix: Air | Lab File ID: 0528-024.D |
| Analysis Method: VOA | Date Collected: 05/25/2015 00:00 |
| Sample wt/vol: 1(Sample) | Date Analyzed: 05/29/2015 06:09 |
| Soil Aliquot Vol.: | Dilution Factor: 1 |
| Soil Extract Vol.: | GC Column: DB-1 ID: 0.53 (mm) |
| % Moisture: | Level: (low/med) Low |
| Analysis Batch No.: 64580 | Units: ppm |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|----|--------|
| 71-43-2 | Benzene | <0.0434 | 0 | 0.0434 |
| 100-41-4 | Ethylbenzene | <0.0292 | | 0.0292 |
| 110-54-3 | Hexane | <0.0268 | 6w | 0.0268 |
| 108-88-3 | Toluene | <0.0349 | | 0.0349 |
| 1330-20-7 | Xylenes, Total | <0.0894 | V | 0.0894 |

MW
6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|---------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053006</u> | Lab Sample ID: <u>550-45450-5</u> |
| Matrix: <u>Air</u> | Lab File ID: _____ |
| Analysis Method: <u>VOA (Summary)</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1(Sample)</u> | Date Analyzed: <u>05/29/2015 15:29</u> |
| Soil Aliquot Vol: _____ | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: _____ | GC Column: _____ ID: _____ |
| % Moisture: _____ | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64648</u> | Units: <u>ug/Sample</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | U | 3.72 |
| 110-54-3 | Hexane | <2.54 | | 2.54 |
| 108-88-3 | Toluene | <3.53 | | 3.53 |
| 100-41-4 | Ethylbenzene | <3.40 | | 3.40 |
| 1330-20-7 | Xylenes, Total | <10.4 | V | 10.4 |

MW
6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|---------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053006</u> | Lab Sample ID: <u>550-45450-5</u> |
| Matrix: <u>Air</u> | Lab File ID: _____ |
| Analysis Method: <u>VOA (Summary)</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 15:29</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: _____ ID: _____ |
| % Moisture: _____ | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64648</u> | Units: <u>mg/m³</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.139 | U | 0.139 |
| 110-54-3 | Hexane | <0.0946 | U | 0.0946 |
| 108-88-3 | Toluene | <0.132 | U | 0.132 |
| 100-41-4 | Ethylbenzene | <0.127 | U | 0.127 |
| 1330-20-7 | Xylenes, Total | <0.388 | V | 0.388 |

FORM I VOA (Summary)

MW
6-14-15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|---------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053006</u> | Lab Sample ID: <u>550-45450-5</u> |
| Matrix: <u>Air</u> | Lab File ID: _____ |
| Analysis Method: <u>VOA (Summary)</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1(Sample)</u> | Date Analyzed: <u>05/29/2015 15:29</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: _____ ID: _____ |
| % Moisture: _____ | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64648</u> | Units: <u>ppm</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.0434 | ✓ | 0.0434 |
| 110-54-3 | Hexane | <0.0268 | ✓ | 0.0268 |
| 108-88-3 | Toluene | <0.0349 | ✓ | 0.0349 |
| 100-41-4 | Ethylbenzene | <0.0292 | ✓ | 0.0292 |
| 1330-20-7 | Xylenes, Total | <0.0894 | ✓ | 0.0894 |

Mw 6/9/18

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053011</u> | Lab Sample ID: <u>550-45450-8</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-032.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 10:43</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>ug/Sample</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | ✓ | 3.72 |
| 100-41-4 | Ethylbenzene | <3.40 | ✓ | 3.40 |
| 108-88-3 | Toluene | <3.53 | | 3.53 |
| 110-54-3 | Hexane | <2.54 | | 2.54 |
| 1330-20-7 | Xylenes, Total | <10.4 | ✓ | 10.4 |

JMW
6/19/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053011</u> | Lab Sample ID: <u>550-45450-8</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-032.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 10:43</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>mg/m³</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.123 | Y | 0.123 |
| 100-41-4 | Ethylbenzene | <0.113 | | 0.113 |
| 108-88-3 | Toluene | <0.117 | | 0.117 |
| 110-54-3 | Hexane | <0.0840 | | 0.0840 |
| 1330-20-7 | Xylenes, Total | <0.345 | ↓ | 0.345 |

MW
6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
 SDG No.:
 Client Sample ID: 15053011 Lab Sample ID: 550-45450-8
 Matrix: Air Lab File ID: 0528-032.D
 Analysis Method: VOA Date Collected: 05/25/2015 00:00
 Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 10:43
 Soil Aliquot Vol.: Dilution Factor: 1
 Soil Extract Vol.: GC Column: DB-1 ID: 0.53 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 64580 Units: ppm

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.0386 | ✓ | 0.0386 |
| 100-41-4 | Ethylbenzene | <0.0259 | ✓ | 0.0259 |
| 108-88-3 | Toluene | <0.0310 | ✓ | 0.0310 |
| 110-54-3 | Hexane | <0.0238 | ✓ | 0.0238 |
| 1330-20-7 | Xylenes, Total | <0.0794 | ✓ | 0.0794 |


 MW
 6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix

Job No.: 550-45450-1

SDG No.:

Client Sample ID: 15053011

Lab Sample ID: 550-45450-8

Matrix: Air

Lab File ID: 0528-039.D

Analysis Method: VOA

Date Collected: 05/25/2015 00:00

Sample wt/vol: 1 (Sample)

Date Analyzed: 05/29/2015 14:42

Soil Aliquot Vol.:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: DB-1 ID: 0.53 (mm)

% Moisture:

Level: (low/med) Low

Analysis Batch No.: 64580

Units: ug/Sample

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | ✓ | 3.72 |
| 100-41-4 | Ethylbenzene | <3.40 | ✓ | 3.40 |
| 110-54-3 | Hexane | <2.54 | ✓ | 2.54 |
| 108-88-3 | Toluene | <3.53 | ✓ | 3.53 |
| 1330-20-7 | Xylenes, Total | <10.4 | ✓ | 10.4 |

MW
6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053011</u> | Lab Sample ID: <u>550-45450-8</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-039.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 14:42</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>mg/m³</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.123 | ✓ | 0.123 |
| 100-41-4 | Ethylbenzene | <0.113 | ✓ | 0.113 |
| 110-54-3 | Hexane | <0.0840 | ✓ | 0.0840 |
| 108-88-3 | Toluene | <0.117 | ✓ | 0.117 |
| 1330-20-7 | Xylenes, Total | <0.345 | ✓ | 0.345 |

MW
6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053011</u> | Lab Sample ID: <u>550-45450-8</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-039.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1(Sample)</u> | Date Analyzed: <u>05/29/2015 14:42</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>ppm</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.0386 | ✓ | 0.0386 |
| 100-41-4 | Ethylbenzene | <0.0259 | | 0.0259 |
| 110-54-3 | Hexane | <0.0238 | | 0.0238 |
| 108-88-3 | Toluene | <0.0310 | | 0.0310 |
| 1330-20-7 | Xylenes, Total | <0.0794 | ✓ | 0.0794 |

MW
6-18-15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------|----------------------------------|
| Lab Name: TestAmerica Phoenix | Job No.: 550-45450-1 |
| SDG No.: | |
| Client Sample ID: 15053011 | Lab Sample ID: 550-45450-8 |
| Matrix: Air | Lab File ID: _____ |
| Analysis Method: VOA (Summary) | Date Collected: 05/25/2015 00:00 |
| Sample wt/vol: 1(Sample) | Date Analyzed: 05/29/2015 15:29 |
| Soil Aliquot Vol: | Dilution Factor: 1 |
| Soil Extract Vol.: | GC Column: _____ ID: _____ |
| % Moisture: _____ | Level: (low/med) Low |
| Analysis Batch No.: 64648 | Units: ug/Sample |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | ✓ | 3.72 |
| 110-54-3 | Hexane | <2.54 | ✓ | 2.54 |
| 108-88-3 | Toluene | <3.53 | ✓ | 3.53 |
| 100-41-4 | Ethylbenzene | <3.40 | ✓ | 3.40 |
| 1330-20-7 | Xylenes, Total | <10.4 | ✓ | 10.4 |

*MMW
6/9/15*

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
 SDG No.:
 Client Sample ID: 15053011 Lab Sample ID: 550-45450-8
 Matrix: Air Lab File ID:
 Analysis Method: VOA (Summary) Date Collected: 05/25/2015 00:00
 Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 15:29
 Soil Aliquot Vol: Dilution Factor: 1
 Soil Extract Vol.: GC Column: ID:
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 64648 Units: mg/m3

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.123 | U | 0.123 |
| 110-54-3 | Hexane | <0.0840 | U | 0.0840 |
| 108-88-3 | Toluene | <0.117 | U | 0.117 |
| 100-41-4 | Ethylbenzene | <0.113 | U | 0.113 |
| 1330-20-7 | Xylenes, Total | <0.345 | U | 0.345 |

FORM I VOA (Summary)

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MW
6/4/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|---------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053011</u> | Lab Sample ID: <u>550-45450-8</u> |
| Matrix: <u>Air</u> | Lab File ID: _____ |
| Analysis Method: <u>VOA (Summary)</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 15:29</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: _____ ID: _____ |
| % Moisture: _____ | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64648</u> | Units: <u>ppm</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.0386 | U | 0.0386 |
| 110-54-3 | Hexane | <0.0238 | U | 0.0238 |
| 108-88-3 | Toluene | <0.0310 | U | 0.0310 |
| 100-41-4 | Ethylbenzene | <0.0259 | U | 0.0259 |
| 1330-20-7 | Xylenes, Total | <0.0794 | U | 0.0794 |

MW
6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|-------------------------------|----------------------------------|
| Lab Name: TestAmerica Phoenix | Job No.: 550-45450-1 |
| SDG No.: | |
| Client Sample ID: 15053012 | Lab Sample ID: 550-45450-9 |
| Matrix: Air | Lab File ID: 0528-033.D |
| Analysis Method: VOA | Date Collected: 05/25/2015 00:00 |
| Sample wt/vol: 1 (Sample) | Date Analyzed: 05/29/2015 11:17 |
| Soil Aliquot Vol.: | Dilution Factor: 1 |
| Soil Extract Vol.: | GC Column: DB-1 ID: 0.53 (mm) |
| % Moisture: | Level: (low/med) Low |
| Analysis Batch No.: 64580 | Units: ug/Sample |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | ✓ | 3.72 |
| 100-41-4 | Ethylbenzene | <3.40 | ✓ | 3.40 |
| 108-88-3 | Toluene | <3.53 | ✓ | 3.53 |
| 110-54-3 | Hexane | <2.54 | ✓ | 2.54 |
| 1330-20-7 | Xylenes, Total | <10.4 | ✓ | 10.4 |

MW
AFB

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053012</u> | Lab Sample ID: <u>550-45450-9</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-033.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 11:17</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>mg/m³</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.132 | ✓ | 0.132 |
| 100-41-4 | Ethylbenzene | <0.121 | | 0.121 |
| 108-88-3 | Toluene | <0.125 | | 0.125 |
| 110-54-3 | Hexane | <0.0901 | ↓ | 0.0901 |
| 1330-20-7 | Xylenes, Total | <0.370 | ↓ | 0.370 |

MMW
6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix

Job No.: 550-45450-1

SDG No.:

Client Sample ID: 15053012

Lab Sample ID: 550-45450-9

Matrix: Air

Lab File ID: 0528-033.D

Analysis Method: VOA

Date Collected: 05/25/2015 00:00

Sample wt/vol: 1 (Sample)

Date Analyzed: 05/29/2015 11:17

Soil Aliquot Vol.:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: DB-1 ID: 0.53 (mm)

% Moisture:

Level: (low/med) Low

Analysis Batch No.: 64580

Units: ppm

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.0414 | U | 0.0414 |
| 100-41-4 | Ethylbenzene | <0.0278 | | 0.0278 |
| 108-88-3 | Toluene | <0.0333 | | 0.0333 |
| 110-54-3 | Hexane | <0.0256 | | 0.0256 |
| 1330-20-7 | Xylenes, Total | <0.0852 | V | 0.0852 |

MW
Apt

FORM I
IH -- GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053012</u> | Lab Sample ID: <u>550-45450-9</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-040.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 15:17</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>ug/Sample</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|-----|------|
| 71-43-2 | Benzene | <3.72 | U | 3.72 |
| 100-41-4 | Ethylbenzene | <3.40 | U | 3.40 |
| 110-54-3 | Hexane | 189 | F&W | 2.54 |
| 1330-20-7 | Xylenes, Total | 43.0 | | 10.4 |

*JMW
6/9/15*

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|-------------------------------|----------------------------------|
| Lab Name: TestAmerica Phoenix | Job No.: 550-45450-1 |
| SDG No.: | |
| Client Sample ID: 15053012 | Lab Sample ID: 550-45450-9 |
| Matrix: Air | Lab File ID: 0528-040.D |
| Analysis Method: VOA | Date Collected: 05/25/2015 00:00 |
| Sample wt/vol: 1(Sample) | Date Analyzed: 05/29/2015 15:17 |
| Soil Aliquot Vol.: | Dilution Factor: 1 |
| Soil Extract Vol.: | GC Column: DB-1 ID: 0.53 (mm) |
| % Moisture: | Level: (low/med) Low |
| Analysis Batch No.: 64580 | Units: mg/m ³ |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|----|--------|
| 71-43-2 | Benzene | <0.132 | 6 | 0.132 |
| 100-41-4 | Ethylbenzene | <0.121 | 6 | 0.121 |
| 110-54-3 | Hexane | 6.70 | 6W | 0.0901 |
| 1330-20-7 | Xylenes, Total | 1.53 | | 0.370 |

*MW
6/9/15*

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053012</u> | Lab Sample ID: <u>550-45450-9</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-040.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 15:17</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>ppm</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|----|--------|
| 71-43-2 | Benzene | <0.0414 | U | 0.0414 |
| 100-41-4 | Ethylbenzene | <0.0278 | U | 0.0278 |
| 110-54-3 | Hexane | 1.90 | FW | 0.0256 |
| 1330-20-7 | Xylenes, Total | 0.352 | | 0.0852 |

MW
6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
SDG No.:
Client Sample ID: 15053012 Lab Sample ID: 550-45450-9
Matrix: Air Lab File ID: 0528-040.D
Analysis Method: VOA Date Collected: 05/25/2015 00:00
Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 15:17
Soil Aliquot Vol.: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-WAX ID: 0.53 (mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 64580 Units: ug/Sample

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|----------|---------------|--------|-----------|------|
| 108-88-3 | Toluene | 6.44 | <i>fm</i> | 3.53 |

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
SDG No.:
Client Sample ID: 15053012 Lab Sample ID: 550-45450-9
Matrix: Air Lab File ID: 0528-040.D
Analysis Method: VOA Date Collected: 05/25/2015 00:00
Sample wt/vol: 1(Sample) Date Analyzed: 05/29/2015 15:17
Soil Aliquot Vol.: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-WAX ID: 0.53 (mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 64580 Units: mg/m3

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|----------|---------------|--------|------------|-------|
| 108-88-3 | Toluene | 0.229 | <i>fmw</i> | 0.125 |

MW
AFS

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
SDG No.:
Client Sample ID: 15053012 Lab Sample ID: 550-45450-9
Matrix: Air Lab File ID: 0528-040.D
Analysis Method: VOA Date Collected: 05/25/2015 00:00
Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 15:17
Soil Aliquot Vol.: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-WAX ID: 0.53 (mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 64580 Units: ppm

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|----------|---------------|--------|---|--------|
| 108-88-3 | Toluene | 0.0607 | / | 0.0333 |

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|---------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053012</u> | Lab Sample ID: <u>550-45450-9</u> |
| Matrix: <u>Air</u> | Lab File ID: _____ |
| Analysis Method: <u>VOA (Summary)</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 15:29</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: _____ ID: _____ |
| % Moisture: _____ | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64648</u> | Units: <u>ug/Sample</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | V | 3.72 |
| 110-54-3 | Hexane | 189 | | 2.54 |
| 108-88-3 | Toluene | 6.44 | | 3.53 |
| 100-41-4 | Ethylbenzene | <3.40 | V | 3.40 |
| 1330-20-7 | Xylenes, Total | 43.0 | | 10.4 |

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
 SDG No.:
 Client Sample ID: 15053012 Lab Sample ID: 550-45450-9
 Matrix: Air Lab File ID:
 Analysis Method: VOA (Summary) Date Collected: 05/25/2015 00:00
 Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 15:29
 Soil Aliquot Vol.: Dilution Factor: 1
 Soil Extract Vol.: GC Column: ID:
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 64648 Units: mg/m3

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|--------|
| 71-43-2 | Benzene | <0.132 | U | 0.132 |
| 110-54-3 | Hexane | 6.70 | | 0.0901 |
| 108-88-3 | Toluene | 0.229 | | 0.125 |
| 100-41-4 | Ethylbenzene | <0.121 | U | 0.121 |
| 1330-20-7 | Xylenes, Total | 1.53 | | 0.370 |

MW
6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
 SDG No.: _____
 Client Sample ID: 15053012 Lab Sample ID: 550-45450-9
 Matrix: Air Lab File ID: _____
 Analysis Method: VOA (Summary) Date Collected: 05/25/2015 00:00
 Sample wt/vol: 1(Sample) Date Analyzed: 05/29/2015 15:29
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: _____ ID: _____
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 64648 Units: ppm

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.0414 | U | 0.0414 |
| 110-54-3 | Hexane | 1.90 | | 0.0256 |
| 108-88-3 | Toluene | 0.0607 | | 0.0333 |
| 100-41-4 | Ethylbenzene | <0.0278 | U | 0.0278 |
| 1330-20-7 | Xylenes, Total | 0.352 | | 0.0852 |

*MW
6/29/15*

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
 SDG No.:
 Client Sample ID: 15053013 Lab Sample ID: 550-45450-10
 Matrix: Air Lab File ID: 0528-019.D
 Analysis Method: VOA Date Collected: 05/25/2015 00:00
 Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 03:19
 Soil Aliquot Vol.: Dilution Factor: 1
 Soil Extract Vol.: GC Column: DB-1 ID: 0.53 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 64580 Units: ug/Sample

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | ✓ | 3.72 |
| 100-41-4 | Ethylbenzene | <3.40 | | 3.40 |
| 108-88-3 | Toluene | <3.53 | | 3.53 |
| 110-54-3 | Hexane | <2.54 | | 2.54 |
| 1330-20-7 | Xylenes, Total | <10.4 | ✓ | 10.4 |

MW
6/24/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053013</u> | Lab Sample ID: <u>550-45450-10</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-019.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 03:19</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>mg/m³</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.131 | U | 0.131 |
| 100-41-4 | Ethylbenzene | <0.120 | | 0.120 |
| 108-88-3 | Toluene | <0.125 | | 0.125 |
| 110-54-3 | Hexane | <0.0896 | | 0.0896 |
| 1330-20-7 | Xylenes, Total | <0.368 | V | 0.368 |

JMW
6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053013</u> | Lab Sample ID: <u>550-45450-10</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-019.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 03:19</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: <u>(low/med) Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>ppm</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.0411 | U | 0.0411 |
| 100-41-4 | Ethylbenzene | <0.0276 | | 0.0276 |
| 108-88-3 | Toluene | <0.0331 | | 0.0331 |
| 110-54-3 | Hexane | <0.0254 | | 0.0254 |
| 1330-20-7 | Xylenes, Total | <0.0847 | ↓ | 0.0847 |

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FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053013</u> | Lab Sample ID: <u>550-45450-10</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-027.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 07:52</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>ug/Sample</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|------|------|
| 71-43-2 | Benzene | <3.72 | U | 3.72 |
| 100-41-4 | Ethylbenzene | <3.40 | U | 3.40 |
| 110-54-3 | Hexane | 14.9 | Up U | 2.54 |
| 1330-20-7 | Xylenes, Total | <10.4 | | 10.4 |

Mr 8/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|-------------------------------|----------------------------------|
| Lab Name: TestAmerica Phoenix | Job No.: 550-45450-1 |
| SDG No.: | |
| Client Sample ID: 15053013 | Lab Sample ID: 550-45450-10 |
| Matrix: Air | Lab File ID: 0528-027.D |
| Analysis Method: VOA | Date Collected: 05/25/2015 00:00 |
| Sample wt/vol: 1 (Sample) | Date Analyzed: 05/29/2015 07:52 |
| Soil Aliquot Vol.: | Dilution Factor: 1 |
| Soil Extract Vol.: | GC Column: DB-1 ID: 0.53 (mm) |
| % Moisture: | Level: (low/med) Low |
| Analysis Batch No.: 64580 | Units: mg/m ³ |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|------|--------|
| 71-43-2 | Benzene | <0.131 | V | 0.131 |
| 100-41-4 | Ethylbenzene | <0.120 | V | 0.120 |
| 110-54-3 | Hexane | 0.526 | Av V | 0.0896 |
| 1330-20-7 | Xylenes, Total | <0.368 | V | 0.368 |

MW
6/4/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|-------------------------------|----------------------------------|
| Lab Name: TestAmerica Phoenix | Job No.: 550-45450-1 |
| SDG No.: | |
| Client Sample ID: 15053013 | Lab Sample ID: 550-45450-10 |
| Matrix: Air | Lab File ID: 0528-027.D |
| Analysis Method: VOA | Date Collected: 05/25/2015 00:00 |
| Sample wt/vol: 1 (Sample) | Date Analyzed: 05/29/2015 07:52 |
| Soil Aliquot Vol.: | Dilution Factor: 1 |
| Soil Extract Vol.: | GC Column: DB-1 ID: 0.53 (mm) |
| % Moisture: | Level: (low/med) Low |
| Analysis Batch No.: 64580 | Units: ppm |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|--------|--------|
| 71-43-2 | Benzene | <0.0411 | V | 0.0411 |
| 100-41-4 | Ethylbenzene | <0.0276 | V | 0.0276 |
| 110-54-3 | Hexane | 0.149 | for JH | 0.0254 |
| 1330-20-7 | Xylenes, Total | <0.0847 | | 0.0847 |

MW
AFS

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
SDG No.:
Client Sample ID: 15053013 Lab Sample ID: 550-45450-10
Matrix: Air Lab File ID: 0528-027.D
Analysis Method: VOA Date Collected: 05/25/2015 00:00
Sample wt/vol: 1(Sample) Date Analyzed: 05/29/2015 07:52
Soil Aliquot Vol.: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-WAX ID: 0.53 (mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 64580 Units: ug/Sample

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|----------|---------------|--------|---|------|
| 108-88-3 | Toluene | <3.53 | ✓ | 3.53 |

MW
6/4/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
SDG No.:
Client Sample ID: 15053013 Lab Sample ID: 550-45450-10
Matrix: Air Lab File ID: 0528-027.D
Analysis Method: VOA Date Collected: 05/25/2015 00:00
Sample wt/vol: 1(Sample) Date Analyzed: 05/29/2015 07:52
Soil Aliquot Vol:
Soil Extract Vol.: Dilution Factor: 1
% Moisture: GC Column: DB-WAX ID: 0.53 (mm)
Analysis Batch No.: 64580 Level: (low/med) Low
Units: mg/m3

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|----------|---------------|--------|----|-------|
| 108-88-3 | Toluene | <0.125 | /U | 0.125 |

MW
6/4/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
SDG No.:
Client Sample ID: 15053013 Lab Sample ID: 550-45450-10
Matrix: Air Lab File ID: 0528-027.D
Analysis Method: VOA Date Collected: 05/25/2015 00:00
Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 07:52
Soil Aliquot Vol.: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-WAX ID: 0.53 (mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 64580 Units: ppm

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|----------|---------------|---------|-----|--------|
| 108-88-3 | Toluene | <0.0331 | ✓ 0 | 0.0331 |

MW
6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|---------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053013</u> | Lab Sample ID: <u>550-45450-10</u> |
| Matrix: <u>Air</u> | Lab File ID: _____ |
| Analysis Method: <u>VOA (Summary)</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 15:29</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: _____ ID: _____ |
| % Moisture: _____ | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64648</u> | Units: <u>ug/Sample</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | V | 3.72 |
| 110-54-3 | Hexane | 14.9 | V | 2.54 |
| 108-88-3 | Toluene | <3.53 | V | 3.53 |
| 100-41-4 | Ethylbenzene | <3.40 | V | 3.40 |
| 1330-20-7 | Xylenes, Total | <10.4 | V | 10.4 |

*MW
6/9/15*

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
 SDG No.:
 Client Sample ID: 15053013 Lab Sample ID: 550-45450-10
 Matrix: Air Lab File ID:
 Analysis Method: VOA (Summary) Date Collected: 05/25/2015 00:00
 Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 15:29
 Soil Aliquot Vol.: Dilution Factor: 1
 Soil Extract Vol.: GC Column: ID:
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 64648 Units: mg/m3

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|--------|
| 71-43-2 | Benzene | <0.131 | ✓ | 0.131 |
| 110-54-3 | Hexane | 0.526 | ✓ | 0.0896 |
| 108-88-3 | Toluene | <0.125 | ✓ | 0.125 |
| 100-41-4 | Ethylbenzene | <0.120 | ✓ | 0.120 |
| 1330-20-7 | Xylenes, Total | <0.368 | ✓ | 0.368 |

*MW
6/4/15*

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|---------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053013</u> | Lab Sample ID: <u>550-45450-10</u> |
| Matrix: <u>Air</u> | Lab File ID: _____ |
| Analysis Method: <u>VOA (Summary)</u> | Date Collected: <u>05/25/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 15:29</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: _____ ID: _____ |
| % Moisture: _____ | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64648</u> | Units: <u>ppm</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.0411 | U | 0.0411 |
| 110-54-3 | Hexane | 0.149 | U | 0.0254 |
| 108-88-3 | Toluene | <0.0331 | U | 0.0331 |
| 100-41-4 | Ethylbenzene | <0.0276 | U | 0.0276 |
| 1330-20-7 | Xylenes, Total | <0.0847 | U | 0.0847 |

MW
6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053014</u> | Lab Sample ID: <u>550-45450-11</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-020.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/26/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 03:53</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>ug/Sample</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | ✓ | 3.72 |
| 100-41-4 | Ethylbenzene | <3.40 | ✓ | 3.40 |
| 108-88-3 | Toluene | <3.53 | | 3.53 |
| 110-54-3 | Hexane | <2.54 | ✓ | 2.54 |
| 1330-20-7 | Xylenes, Total | <10.4 | ✓ | 10.4 |

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6/9/15*

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix

Job No.: 550-45450-1

SDG No.:

Client Sample ID: 15053014

Lab Sample ID: 550-45450-11

Matrix: Air

Lab File ID: 0528-020.D

Analysis Method: VOA

Date Collected: 05/26/2015 00:00

Sample wt/vol: 1 (Sample)

Date Analyzed: 05/29/2015 03:53

Soil Aliquot Vol.:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: DB-1 ID: 0.53 (mm)

% Moisture:

Level: (low/med) Low

Analysis Batch No.: 64580

Units: mg/m³

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.128 | U | 0.128 |
| 100-41-4 | Ethylbenzene | <0.117 | | 0.117 |
| 108-88-3 | Toluene | <0.122 | | 0.122 |
| 110-54-3 | Hexane | <0.0875 | V | 0.0875 |
| 1330-20-7 | Xylenes, Total | <0.359 | V | 0.359 |

MW
6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053014</u> | Lab Sample ID: <u>550-45450-11</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-020.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/26/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 03:53</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>ppm</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.0402 | U | 0.0402 |
| 100-41-4 | Ethylbenzene | <0.0270 | U | 0.0270 |
| 108-88-3 | Toluene | <0.0323 | U | 0.0323 |
| 110-54-3 | Hexane | <0.0248 | U | 0.0248 |
| 1330-20-7 | Xylenes, Total | <0.0827 | V | 0.0827 |

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FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053014</u> | Lab Sample ID: <u>550-45450-11</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-028.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/26/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 08:26</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>ug/Sample</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | Y | 3.72 |
| 100-41-4 | Ethylbenzene | <3.40 | | 3.40 |
| 110-54-3 | Hexane | <2.54 | | 2.54 |
| 108-88-3 | Toluene | <3.53 | | 3.53 |
| 1330-20-7 | Xylenes, Total | <10.4 | Y | 10.4 |

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6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053014</u> | Lab Sample ID: <u>550-45450-11</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-028.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/26/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 08:26</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>mg/m³</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.128 | ✓ | 0.128 |
| 100-41-4 | Ethylbenzene | <0.117 | ✓ | 0.117 |
| 110-54-3 | Hexane | <0.0875 | ✓ | 0.0875 |
| 108-88-3 | Toluene | <0.122 | ✓ | 0.122 |
| 1330-20-7 | Xylenes, Total | <0.359 | ✓ | 0.359 |

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6/9/15*

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
 SDG No.:
 Client Sample ID: 15053014 Lab Sample ID: 550-45450-11
 Matrix: Air Lab File ID: 0528-028.D
 Analysis Method: VOA Date Collected: 05/26/2015 00:00
 Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 08:26
 Soil Aliquot Vol.: Dilution Factor: 1
 Soil Extract Vol.: GC Column: DB-1 ID: 0.53 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 64580 Units: ppm

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.0402 | ✓ | 0.0402 |
| 100-41-4 | Ethylbenzene | <0.0270 | ✓ | 0.0270 |
| 110-54-3 | Hexane | <0.0248 | ✓ | 0.0248 |
| 108-88-3 | Toluene | <0.0323 | ✓ | 0.0323 |
| 1330-20-7 | Xylenes, Total | <0.0827 | ✓ | 0.0827 |

*JMW
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FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
 SDG No.:
 Client Sample ID: 15053014 Lab Sample ID: 550-45450-11
 Matrix: Air Lab File ID:
 Analysis Method: VOA (Summary) Date Collected: 05/26/2015 00:00
 Sample wt/vol: 1(Sample) Date Analyzed: 05/29/2015 15:29
 Soil Aliquot Vol:
 Soil Extract Vol.: Dilution Factor: 1
 % Moisture: GC Column: ID:
 Analysis Batch No.: 64648 Level: (low/med) Low
 Units: ug/Sample

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | ✓ | 3.72 |
| 110-54-3 | Hexane | <2.54 | | 2.54 |
| 108-88-3 | Toluene | <3.53 | | 3.53 |
| 100-41-4 | Ethylbenzene | <3.40 | | 3.40 |
| 1330-20-7 | Xylenes, Total | <10.4 | ✓ | 10.4 |


 MW
 6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------|----------------------------------|
| Lab Name: TestAmerica Phoenix | Job No.: 550-45450-1 |
| SDG No.: | |
| Client Sample ID: 15053014 | Lab Sample ID: 550-45450-11 |
| Matrix: Air | Lab File ID: |
| Analysis Method: VOA (Summary) | Date Collected: 05/26/2015 00:00 |
| Sample wt/vol: 1(Sample) | Date Analyzed: 05/29/2015 15:29 |
| Soil Aliquot Vol: | Dilution Factor: 1 |
| Soil Extract Vol.: | GC Column: ID: |
| % Moisture: | Level: (low/med) Low |
| Analysis Batch No.: 64648 | Units: mg/m ³ |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.128 | U | 0.128 |
| 110-54-3 | Hexane | <0.0875 | | 0.0875 |
| 108-88-3 | Toluene | <0.122 | | 0.122 |
| 100-41-4 | Ethylbenzene | <0.117 | | 0.117 |
| 1330-20-7 | Xylenes, Total | <0.359 | ↓ | 0.359 |

MW
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FORM I
IH -- GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|---------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053014</u> | Lab Sample ID: <u>550-45450-11</u> |
| Matrix: <u>Air</u> | Lab File ID: _____ |
| Analysis Method: <u>VOA (Summary)</u> | Date Collected: <u>05/26/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 15:29</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: _____ ID: _____ |
| % Moisture: _____ | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64648</u> | Units: <u>ppm</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|---------|---|--------|
| 71-43-2 | Benzene | <0.0402 | ✓ | 0.0402 |
| 110-54-3 | Hexane | <0.0248 | | 0.0248 |
| 108-88-3 | Toluene | <0.0323 | | 0.0323 |
| 100-41-4 | Ethylbenzene | <0.0270 | | 0.0270 |
| 1330-20-7 | Xylenes, Total | <0.0827 | ✓ | 0.0827 |

MW
6/19/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: | |
| Client Sample ID: <u>15053015</u> | Lab Sample ID: <u>550-45450-12</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-036.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/26/2015 00:00</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Date Analyzed: <u>05/29/2015 13:00</u> |
| Soil Aliquot Vol.: | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>ug/Sample</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | U | 3.72 |
| 100-41-4 | Ethylbenzene | <3.40 | | 3.40 |
| 108-88-3 | Toluene | <3.53 | | 3.53 |
| 110-54-3 | Hexane | <2.54 | | 2.54 |
| 1330-20-7 | Xylenes, Total | <10.4 | V | 10.4 |

MW
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FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
 SDG No.:
 Client Sample ID: 15053015 Lab Sample ID: 550-45450-12
 Matrix: Air Lab File ID:
 Analysis Method: VOA (Summary) Date Collected: 05/26/2015 00:00
 Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 15:29
 Soil Aliquot Vol.: Dilution Factor: 1
 Soil Extract Vol.: GC Column: ID:
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 64648 Units: ug/Sample

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | ✓ | 3.72 |
| 110-54-3 | Hexane | <2.54 | | 2.54 |
| 108-88-3 | Toluene | <3.53 | | 3.53 |
| 100-41-4 | Ethylbenzene | <3.40 | | 3.40 |
| 1330-20-7 | Xylenes, Total | <10.4 | ✓ | 10.4 |

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FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: _____ | Lab Sample ID: <u>550-45450-12</u> |
| Client Sample ID: <u>15053015</u> | Lab File ID: <u>0528-041.D</u> |
| Matrix: <u>Air</u> | Date Collected: <u>05/26/2015 00:00</u> |
| Analysis Method: <u>VOA</u> | Date Analyzed: <u>05/29/2015 15:51</u> |
| Sample wt/vol: <u>1 (Sample)</u> | Dilution Factor: <u>1</u> |
| Soil Aliquot Vol: _____ | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| Soil Extract Vol.: _____ | Level: (low/med) <u>Low</u> |
| % Moisture: _____ | Units: <u>ug/Sample</u> |
| Analysis Batch No.: <u>64580</u> | _____ |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | ✓ | 3.72 |
| 100-41-4 | Ethylbenzene | <3.40 | ✓ | 3.40 |
| 110-54-3 | Hexane | <2.54 | ✓ | 2.54 |
| 108-88-3 | Toluene | <3.53 | ✓ | 3.53 |
| 1330-20-7 | Xylenes, Total | <10.4 | ✓ | 10.4 |

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6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix

Job No.: 550-45450-1

SDG No.: _____

Client Sample ID: 15053017 Lab Sample ID: 550-45450-14

Matrix: Air Lab File ID: 0528-037.D

Analysis Method: VOA Date Collected: 05/26/2015 00:00

Sample wt/vol: 1 (Sample) Date Analyzed: 05/29/2015 13:34

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-1 ID: 0.53 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 64580 Units: ug/Sample

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | ✓ | 3.72 |
| 100-41-4 | Ethylbenzene | <3.40 | ✓ | 3.40 |
| 108-88-3 | Toluene | <3.53 | ✓ | 3.53 |
| 110-54-3 | Hexane | <2.54 | ✓ | 2.54 |
| 1330-20-7 | Xylenes, Total | <10.4 | ✓ | 10.4 |

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FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Phoenix Job No.: 550-45450-1
 SDG No.:
 Client Sample ID: 15053017 Lab Sample ID: 550-45450-14
 Matrix: Air Lab File ID:
 Analysis Method: VOA (Summary) Date Collected: 05/26/2015 00:00
 Sample wt/vol: 1(Sample) Date Analyzed: 05/29/2015 15:29
 Soil Aliquot Vol.: Dilution Factor: 1
 Soil Extract Vol.: GC Column: ID:
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 64648 Units: ug/Sample

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | Y | 3.72 |
| 110-54-3 | Hexane | <2.54 | | 2.54 |
| 108-88-3 | Toluene | <3.53 | | 3.53 |
| 100-41-4 | Ethylbenzene | <3.40 | | 3.40 |
| 1330-20-7 | Xylenes, Total | <10.4 | Y | 10.4 |

MW
6/9/15

FORM I
IH - GC VOA ORGANICS ANALYSIS DATA SHEET

| | |
|--------------------------------------|---|
| Lab Name: <u>TestAmerica Phoenix</u> | Job No.: <u>550-45450-1</u> |
| SDG No.: _____ | |
| Client Sample ID: <u>15053017</u> | Lab Sample ID: <u>550-45450-14</u> |
| Matrix: <u>Air</u> | Lab File ID: <u>0528-042.D</u> |
| Analysis Method: <u>VOA</u> | Date Collected: <u>05/26/2015 00:00</u> |
| Sample wt/vol: <u>1(Sample)</u> | Date Analyzed: <u>05/29/2015 16:25</u> |
| Soil Aliquot Vol: _____ | Dilution Factor: <u>1</u> |
| Soil Extract Vol.: _____ | GC Column: <u>DB-1</u> ID: <u>0.53 (mm)</u> |
| % Moisture: _____ | Level: (low/med) <u>Low</u> |
| Analysis Batch No.: <u>64580</u> | Units: <u>ug/Sample</u> |

| CAS NO. | COMPOUND NAME | RESULT | Q | RL |
|-----------|----------------|--------|---|------|
| 71-43-2 | Benzene | <3.72 | ✓ | 3.72 |
| 100-41-4 | Ethylbenzene | <3.40 | | 3.40 |
| 110-54-3 | Hexane | <2.54 | | 2.54 |
| 108-88-3 | Toluene | <3.53 | | 3.53 |
| 1330-20-7 | Xylenes, Total | <10.4 | ✓ | 10.4 |

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